

## **METHODS AND APPARATUS FOR CARDIAC VALVE REPAIR**

### **ABSTRACT OF THE DISCLOSURE**

The methods, devices, and systems are provided for performing endovascular repair of atrioventricular and other cardiac valves in the heart. Regurgitation of an

- 5 atrioventricular valve, particularly a mitral valve, can be repaired by modifying a tissue structure selected from the valve leaflets, the valve annulus, the valve chordae, and the papillary muscles. These structures may be modified by suturing, stapling, snaring, or shortening, using interventional tools which are introduced to a heart chamber. Preferably, the tissue structures will be temporarily modified prior to permanent modification. For
- 10 example, opposed valve leaflets may be temporarily grasped and held into position prior to permanent attachment.

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